



1

SEQUENCE LISTING

<110> HIRAO, ICHIRO
ISHIKAWA, MASAhide

<120> NOVEL NUCLEIC ACID BASE PAIR

<130> 55729

<140> 09/787,196

<141> 2001-03-15

<160> 15

<170> PatentIn Ver. 2.1

<210> 1

<211> 35

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic DNA
template

<220>

<221> modified_base

<222> (7)

<223> 2-amino-6-(N,N-dimethylamino)-9-(2'deoxy- B -D-ribofuranosyl)
purine

<400> 1

tgctctntct tcttcctat agtgagtcgt attat

35

<210> 2

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic DNA
template

<220>

<221> modified_base

<222> (5)

<223> 2-amino-6-(N,N-dimethylamino)-9-(2'deoxy- B -D-ribofuranosyl)
purine

<400> 2

agctntgtgt gtctccggtta caactaggc

29

<210> 3

<211> 29

<212> DNA

<213> Artificial Sequence

09787196-042601

<220>
 <223> Description of Artificial Sequence: Synthetic DNA
 template

<220>
 <221> modified_base
 <222> (5)..(6)
 <223> 2-amino-6-(N,N-dimethylamino)-9-(2'deoxy- B -D-ribofuranosyl)
 purine

<400> 3
 agctnngtgt gtctccggtg caactaggc

29

<210> 4
 <211> 29
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic DNA
 template

<220>
 <221> modified_base
 <222> (5)
 <223> 2-amino-6-(N,N-dimethylamino)-9-(2'deoxy- B -D-ribofuranosyl)
 purine

<220>
 <221> modified_base
 <222> (7)
 <223> 2-amino-6-(N,N-dimethylamino)-9-(2'deoxy- B -D-ribofuranosyl)
 purine

<400> 4
 agctntntgt gtctccggtg caactaggc

29

<210> 5
 <211> 29
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic DNA
 template

<220>
 <221> modified_base
 <222> (5)
 <223> 2-amino-6-(N,N-dimethylamino)-9-(2'deoxy- B -D-ribofuranosyl)
 purine

<220>
 <221> modified_base
 <222> (8)

<223> 2-amino-6-(N,N-dimethylamino)-9-(2'deoxy- B -D-ribofuranosyl)
purine

<400> 5
agctntgngt gtctccggta caactaggc 29

<210> 6
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic DNA
template

<220>
<221> modified_base
<222> (5)
<223> 2-amino-6-(N,N-dimethylamino)-9-(2'deoxy- B -D-ribofuranosyl)
purine

<220>
<221> modified_base
<222> (9)
<223> 2-amino-6-(N,N-dimethylamino)-9-(2'deoxy- B -D-ribofuranosyl)
purine

<400> 6
agctntgtnt gtctccggta caactaggc 29

<210> 7
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic DNA
template

<400> 7
tgctctatct tcctccctat agtgagtcgt attat 35

<210> 8
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic DNA
template

<400> 8
tgctctgtct tcctccctat agtgagtcgt attat 35

093746-6464

<212> DNA
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 primer

<400> 13
 cgactcacta taggg

15

<210> 14
 <211> 14
 <212> DNA
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 primer

<400> 14
 ctatagggag gaga

14

<210> 15
 <211> 14
 <212> DNA
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 primer

<400> 15
 gcctagttgt accg

14

09787196-043601